

ALVASTON & BOULTON
URBAN DISTRICT COUNCIL.

REPORT
OF THE
Medical Officer of Health
FOR THE
YEAR 1920.



DERBY:

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To the Chairman and Members of the Alvaston & Boulton Urban District Council.

LADIES AND GENTLEMEN,

I have the honour to submit to you my Annual Report on the Health of the district under your charge for the year ending December 31st, 1920.

At Allenton work has been continued of taking down privies and building W.C.'s with Corporation Water Supply.

All houses where water main extends have been supplied with water. The Council purpose extending the main so that the whole of the houses in the district are supplied with Corporation Water.

Some of the 36 houses at Alvaston will soon be commenced.

The Council is to be congratulated on having taken necessary steps to remove their offices to more commodious and suitable premises.

There has been no serious outbreak of any Zymotic disease during the year.

In 7 out of 13 monthly reports, there has been no record of Infectious Disease of any kind whatever.

I am, Gentlemen,

Yours obediently,

C. F. DRUITT,

M.R.C.S. (Eng.), L.R.C.P. (Lond.)

Medical Officer of Health.

*Parkfields,
Alvaston.*

Annual Health Report
OF THE
Medical Officer of Health
For the Year 1920.

General Statistics.

Population Census.—1891, 3116; 1901, 1279; 1911, 1398.
Estimated Population 1919, 1589. Inhabited houses, 362.

The Rateable Value is, Buildings £5218 5s. 0d.

Land £2946 15s. 0d.

The Assessable Value is, Buildings £5218 5s. 0d.

Land £736 13s. 9d.

The General District Rate for 2nd half-year ending Sept. 30th
was 4s. 0d.

Product of 1d. Rate approximately is £24 16s. 3d.

The amount of Poor Law Relief was £151 14s. 6d.

Sanitary Inspection of the District.

The tabulated statement, as required by the County Council
is as follows :—

ANNUAL REPORT OF SANITARY INSPECTOR.

Name of Inspector

JAMES ROBINSON.

Area of District 1591 Acres. Estimated No. of Houses 362.

New Houses Erected 1920 - None.

No. of Houses Inspected under Section 17	..	..	..	..	260
No. unfit for Habitation	..	..	..	..	None
Representations made to Local Authority as to Closing Orders					None
Closing Orders made	..	..	..	..	None
No. repaired without Closing Order	..	..	..	..	115
No. repaired after Closing Order made	..	..	..	..	None
No. Closed	..	..	..	..	None
No. Demolished	..	..	..	..	None
No. repaired voluntary	..	..	..	..	150

	Number of Informal Notices served by Sanitary Inspector.	Number of Legal Notices served by Local Authority.	Number of Nuisances abated with or without Notice.
<i>Drainage—</i>			
No Disconnection of Waste Pipe	15	None	15
Defective Traps, Inlets, and Drains	10	—	10
Drains Obstructed	12	—	12

Closets and Ashpits—

Insanitary Privies, Pail Closets, and Ashpits	..	—	—
Additional Closet Accommodation	4	—	4
Conversion of Privies into W.C.'s	36	1	36
Conversion of Pail Closets into W.C.'s	10	—	10
Defective Water Closets	9	—	9

Other Defects—

Paving of Courts and Yards	..	11	—	11
Eaves-Spouts and Down-Spouts	..	16	—	16
Urinals Defective	..	1	—	1
Water Supply	..	10	—	10
Offensive Accumulations	..	—	—	—
Animals improperly kept	..	—	—	—
Pigsties	..	—	—	—
Smoke Nuisances	..	—	—	—
Overcrowding	..	—	—	—
Water in Cellars	..	—	—	—
Foul Condition of Houses	..	—	—	—
Nuisances not specified above	..	—	—	—
Totals	..	134	1	134

	No. on Register.	Inspections made.	Notices served.	Nuisance abated.
Dairies, Cowsheds, and Milkshops	24	4	None	10
Bakehouses	..	1	20	—
Slaughterhouses	1	50
Offensive Trades	—	—
Common Lodging-houses	..	—	—	—
Totals	..	26	74	10

Infected Rooms Disinfected.—Number, 3. Method, Sulphur Candle.

Samples submitted for Examination.—Water, 6; Milk, none.

Prosecutions, Particulars of.—None.

Food Seizures.—None.

Food Voluntary Surrendered.—None.

Housing—

(1) No. of Houses reported to the Housing Commissioner as being required	72
(2) No. of Houses the District Council has decided to erect	72
(3) No. of Houses for the building of which Contracts have been accepted	52
(4) No. of Houses—	
(a) In course of erection	None
(b) Completed	None
(c) Occupied	None

Prevalence of and Control over Acute Infectious Diseases.

I. NOTIFIABLE DISEASES.

In the accompanying table the number of cases of acute notifiable infectious diseases during 1920 is given.

Details are given showing the monthly incidence, all of which were sent to Isolation Hospital.

INFECTIOUS DISEASES NOTIFIED IN 1920.

		Scarlet Fever.	Diph- theria.	Enteric.	
January	..	1	—	—	1
February	..	—	1	—	1
March	..	2	—	—	2
April	..	—	—	—	—
May	..	—	—	—	—
June	..	—	—	—	—
July	..	—	—	—	—
August	..	—	—	1	—
September	..	—	—	—	—
October	..	—	—	—	—
November	..	—	—	—	—
December	..	—	—	—	—
				Total ..	5

The total number of acute infectious cases is 5, consisting of Scarlet Fever 3, Diphtheria 1, Enteric 1. Measles has become non-notifiable.

Houses infected, 5.

Cases removed to Hospital, 5.

Deaths, nil.

Prevalence of and Control over Tuberculosis.

During the year I received 5 fresh notifications of Pulmonary Tuberculosis, and 4 of other forms of Tuberculosis. There were 2 deaths from Tubercular Meningitis.

Vital Statistics of the District.

BIRTHS.

During the year 48 births were registered. This gives a birth rate per 1,000 of the population of 30.27.

On reference to table 1 of the Local Government Board at the end of this report, it will be noticed that the birth rate for 1919 was 15.10.

	BIRTHS FOR THE YEAR 1919.			1920.			
	Boys	Girls	Total	Boys	Girls	Total	
January	..	—	1	1	3	2	5
February	..	4	—	4	2	—	2
March	..	—	1	1	2	2	4
April	..	3	—	3	5	2	7
May	..	3	2	5	7	3	10
June	..	1	—	1	1	—	1
July	..	1	—	1	3	4	7
August	..	—	2	2	1	3	3
September	..	—	—	—	1	2	3
October	..	1	—	1	1	1	2
November	..	1	2	3	—	2	2
December	..	1	1	2	1	1	2
	—	—	—	—	—	—	—
	15	9	24	28	20	48	

DEATHS.

In the accompanying tables the number of deaths, with the sex distribution, is shown. Nine deaths were registered in the district, whilst two persons belonging to this neighbourhood died outside it ("Inward Transfers.") This brings the nett number of deaths to 11, and yields a death rate of 6.93 per 1000 of the population.

The causes of death are shown in Table III. of the Local Government Board.

AGES AT DEATH.

In infancy (up to 5)	..	..	5
School Age (5 to 15)	..	..	0
Working Life (15 to 65)	..	..	1
Old Age (over 65)	..	..	5

DEATHS FOR THE YEAR 1919.

1920.

	Males	Females	Total	Males	Females	Total	
January	..	1	1	2	—	—	—
February	..	1	1	2	—	1	1
March	..	3	1	4	1	1	2
April	..	1	1	2	—	—	—
May	..	1	1	2	1	—	1
June	..	—	1	1	—	—	—
July	..	1	—	1	2	—	2
August	..	2	1	3	1	—	1
September	..	—	—	—	2	—	2
October	..	—	1	1	—	—	—
November	..	1	—	1	—	—	—
December	..	—	—	—	1	1	2
	—	—	—	—	—	—	—
	11	8	19	8	3	11	

ZYMOTIC DISEASES.

There were no deaths from Zymotic Diseases during the year.

DEATHS FROM ALL CAUSES.

The following list is an analysis of the mortality for the year, distinguishing deaths of children under 5 years :—

The following list is an analysis of the mortality for the year distinguishing deaths of children under 5 years :—

		Under 5 yrs.	Over 5 years.
Tubercular Meningitis	..	2	—
Heart Failure	..	1	2
Cellulitis	..	—	1
Senile Decay	..	—	3
Septic Infection	..	1	—
Cystitis	..	—	1
		—	—
		4	7
		—	—

TABLE I.—(MINISTRY OF HEALTH).

Vital Statistics of whole district during 1920 and previous Years.

Year.	Population estimated to middle of each Year.	Births		Total Deaths Registered in District.		Transferable Deaths.		Nett Deaths belonging to the District.		
		Nett.		Number.	Rate	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all ages.
		Number.	Rate					Number.	Rate per 1,000 Nett Births.	
1915	1529	41	26.81	..	..	..	..	3	73.1	17 11.11
1916	1627	35	21.51	..	..	..	..	4	14.3	21 14.0
1917	1659	23	13.86	..	..	..	..	1	43.4	13 8.76
1918	1645	29	17.63	..	..	..	..	1	34.4	19 12.94
1919	1589	24	15.10	14	8.80	..	5	4	66.6	19 12.46
1920	1586	48	30.27	12	7.56	1	2	4	83.33	20 13.11

Area of District in acres (land and inland water) 1591.

Total population of all ages 1398

Total families or separate occupiers 332

At Census, 1911.

TABLE II.—(MINISTRY OF HEALTH).

Cases of Infectious Diseases Notified during the Year 1920.

Notifiable Diseases.	At all Ages.	Number of Cases Notified.								Total cases removed
		At ages—Years.								
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 & upwards.		
Malaria .. ..	..	..	..	..	..	..	..	..	..	..
Small-pox ..	..	..	..	..	..	..	..	..	..	..
Cholera (C) Plague (P)	..	..	..	..	..	..	..	..	..	..
Diphtheria (including										
Membranous croup	..	1	..	..	1	..	..	..	..	1
Erysipelas ..	..	1	..	..	..	1	..	..	..	..
Scarlet Fever ..	..	3	..	..	2	1	..	..	..	3
Typhus Fever ..	..	..	..	..	..	..	..	..	..	..
Enteric Fever ..	..	1	..	..	..	..	1	..	..	1
Relapsing Fever (R)										
Continued Fever (C)	..	..	..	..	..	..	..	..	..	..
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..
Cerebo-spinal Meningitis ..	..	..	..	..	..	..	..	..	..	..
Poliomelitis ..	..	..	..	..	..	..	..	..	..	..
Ophthalmia Neonatorum ..	1	1	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis ..	5	..	2	2	1	1	1	..	..	3
Other forms of Tuberculosis ..	4	1	2	1	..	..	..	..	..	1
Lobar Pneumonia ..	1	..	1	..	..	..	..	..	..	..
TOTALS	17	2	3	6	3	2	1	..	9	

ISOLATION HOSPITAL—Draycott Isolation Hospital.

TABLE III.—(MINISTRY OF HEALTH).

Causes of, and Ages at Death during the Year 1920.

Causes of death.		All Ages.	Nett deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "non-Residents" in institutions in the district.
			Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards.		
All Causes	Certified Uncertified	II ..	4 ..	..	I ..	..	..	..	I ..	..	3..	..
Mumps	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	..	..	..	..	..	..	..	..	..	..	..	..
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup	..	..	..	..	..	..	..	..	..	..	..	..
Influenza	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis)	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculosis Meningitis	2	..	1	..	1	..	..	..	..	..	..	..
Other Tuberculosis Diseases	..	..	..	..	..	..	..	..	..	..	..	..
Cancer, malignant disease	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatic Fever	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis	..	..	..	..	..	..	..	..	..	..	..	..
Organic Heart Disease	1	..	..	..	..	..	..	..	..	..	..	..
Bronchitis	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia (all forms)	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of respiratory organs	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea and Enteritis	..	..	..	..	..	..	..	..	..	..	..	..
Appendicitis and Typhlitis	..	..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism	..	..	..	..	..	..	..	..	..	..	..	..
Nephritis	..	..	..	..	..	..	..	..	..	..	..	..
Cystitis	..	1	..	..	..	..	..	..	..	..	1	..
Puerperal Fever	..	..	..	..	..	..	..	..	..	..	..	..
Other accidents and diseases of Pregnancy and Parturition	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Debility and Malformation, includ- ing Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..
Violent Deaths, excluding Suicide	..	..	..	..	..	..	..	..	..	..	..	..
Suicide	..	..	..	..	..	..	..	..	..	..	..	..
Other Defined Diseases	3	1	1	..	..	..	1	..	..	1	1	..
Diseases ill-defined or un- known	..	..	..	..	..	..	..	..	..	..	..	..
Septic Infection and Cellulitis	2	2	..	..	..	..	..	..	..	..	..	..
TOTALS	..	11	4	1	1	..	1	..	1	1	3	..

TABLE IV.—(MINISTRY OF HEALTH).

Infant Mortality 1920.

Total deaths under 1 year, 4.

